

Abstract of the Disclosure

Monodisperse nozzle produces the spray where droplets are of the same size. Advantages of this nozzle are circular outlet what prevents blockage of the nozzle and flexible slit width what gives opportunity for adjustment of the drop size and flow rate. The principle of the construction of the monodisperse nozzle is calotte placed in the conical outlet what causes specific flow of liquid. Separate streams are formed what leads in production of the monodisperse spray. Axial position of the calotte can be adjusted by winding of the stem for which calotte is connected while screws placed on the head of the nozzle can adjust radial position of the calotte.